Declaration and Power of Attorney for Patent Application

English Language Declaration

As a below named inventor, I hereby declare that:

My residence, post office address and citizenship are as stated below next to my name,

I believe I am the original, first and sole inventor (if only one name is listed below) or an original, first and joint inventor (if plural names are listed below) of the subject matter which is claimed and for which a patent is sought on the invention entitled

"METHOD FOR DETECTING LINE-TO-LINE FAULT LOCATION IN POWER NETWORK"

The spe	cification of whic	h			
(check o	one)				
•	is attached heret	0.			
D	was filed on		·		
	as Application S	erial No.			
	and was amende	ed on			
D	was filed as PC7	Γ international applic	(if applicable) cation		
	No		on		
	and was amende	d under PCT Article	(if applicable)		
			(if applicable)		
			nderstand the contents of the above-indment referred to above.	dentified sp	ecification,
		o disclose information Code of Federal Reg	on which is material to the patentabilit gulations, §1.56(a).	y of this ap	plication in
applicat applicat	ion(s) for patent	or inventor's certific	under Title 35, United States Code, cate listed below and have also identified having a filing date before that of the	fied below	any foreign
Prior Fo	Prior Foreign Application(s)			Priority Claimed	
(Numbe	r)	(Country)	(Day/Month/Year Filed)	□ Yes	■ No
listed be the prior Code, § Regulati	elow and, insofar r United States ap 112, I acknowledgions, §1.56(a) wh	as the subject matte oplication in the man ge the duty to disclos	United States Code, §120 of any United of each of the claims of this applicationer provided by the first paragraph of the material information as defined in Tien the filing date of the prior application:	tion is not of Title 35, U tle 37, Code	disclosed in nited States of Federal

(Application Serial No.)

(Filing Date)

(Status) (patented, pending, abandoned)

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.

POWER OF ATTORNEY: As a named inventor, I hereby appoint the following attorney(s) and/or agent(s) to prosecute this application and transact all business in the Patent and Trademark Office connected therewith. (list name and registration number)

William H. Logsdon	22,132	Russell D. Orkin	25,363	David C. Hanson	23,024
Frederick B. Ziesenheim	19,438	Richard L. Byrne	28,498	Kent E. Baldauf, Sr.	25,826
Barbara E. Johnson	31,198	Paul M. Reznick	33,059	John W. McIlvaine	34,219
Julie W. Meder	36,216	Lester N. Fortney	38,141	Kirk M. Miles	37,891
Randall A. Notzen	36,882	James G. Porcelli	33,757	Kent E. Baldauf, Jr.	36,082
Christian E. Schuster	43,908	Dean E. Geibel	42,570	Jessica M. Schroth	47,102
Nathan J. Prepelka	43,016	Jessica M. Schroth	47,102	Darrell E. Williams	45,222
Gary F. Matz	45,504	Alex Detschelt	50,261	Alka A. Patel	49,092
J. Matthew Pritchard IV	46,228	Philip J. Foret	51,689	James J. Bosco	51,489
Gwen R. Acker Wood	51.027		•		

Send Correspondence to:

Richard L. Byrne, 700 Koppers Building, 436 Seventh Avenue, Pittsburgh PA 15219-1818

Direct Telephone calls to: (name and telephone number) Richard L. Byrne 412-471-8815

Full name of sole or first inventor					
Myoen-Song, CHOI	oen-Song, CHOI				
Inventor's signature CHOJ Waen Song	Date NOV 12.2003				
Residence					
317-606, Hanshin APT., 58-16, Jamwon-dong, Seocho-gu, Seoul, Republic of Korea					
Citizenship					
Republic of Korea	•				
Post Office Address					
317-606, Hanshin APT., 58-16, Jamwon-dong, Seocho-gu, Seoul, Republic of Korea					
Full name of second joint inventor, if any					
Seung-Jae, LEE					
Inventor's signature Lee Seurg Fale	Date NOV U_2003				
Residence					
129-1405, Parktown, Sunae-dong, Bundang-gu	ı, Seongnam-si, Gyeonggi-do,				
Republic of Korea					
Citizenship					
Republic of Korea					
Post Office Address					
129-1405, Parktown, Sunae-dong, Bundang-gu	i, Seongnam-si, Gyeonggi-do,				
Republic of Korea					